# REMARKS

In the Official Action mailed on **September 30, 2004,** the Examiner reviewed claims 1-21. Claims 1-21 were rejected under 35 U.S.C. §102(e) as being anticipated by Evans et al (USPub 2002/0129337 A1, hereinafter "Evans").

## Rejections under 35 U.S.C. §102(e)

Independent claims 1, 8, and 15 were rejected as being anticipated by Evans. Applicant respectfully points out that Evans teaches a **source-level debugger** for object oriented application programs (see Evans Abstract).

In contrast, the present invention provides an agent that is **limited to gathering the current state of variables** within the platform-independent virtual machine and providing the current state of these variables to an analyst (see paragraph [0025] of the instant application). This is different from a source-level debugger because the source level debugger includes features to view status, data, to input commands, set breakpoints, etc (see Evans, paragraph [0048]). Limiting the agent to gathering the current state of variables within the platform-independent virtual machine and providing the current state of these variables to an analyst allows the agent to be included in the platform-independent virtual machine even on platforms with very limited memory. An example of such a platform is a personal digital assistant (PDA). The system taught by Evans has a large memory footprint and cannot be loaded on a platform with limited memory. There is no suggestion, either explicit or implicit, which suggests limiting the agent to gathering the current state of variables within the platform-independent virtual machine and providing the current state of these variables to an analyst.

Accordingly, Applicant has amended independent claims 1, 8, and 15 to clarify that the present invention is limited to gathering the current state of variables within the platform-independent virtual machine and providing the current state of these variables to an analyst
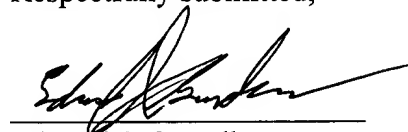
Hence, Applicant respectfully submits that independent claims 1, 8, and 15 as presently amended are in condition for allowance. Applicant also submits that claims 2-7, which depend upon claim 1, claims 9-14, which depend upon claim 8, and claims 16-21, which depend upon claim 15, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

# CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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